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Proposed Maximum Residue Limit

PMRL2010-60

Spiromesifen

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) is proposing to establish maximum residue limits (MRLs) for spiromesifen on beans to permit the import and sale of foods containing such residues.

Spiromesifen is an insecticide/miticide currently registered in Canada for use on a number of cereal, fruit and vegetable commodities.

The PMRA has determined the quantity of residues that are likely to remain in or on the imported food commodities when spiromesifen is used according to label directions in the exporting country. The Agency has also determined that such residues will not be a concern to human health and is proposing to legally establish corresponding import MRLs. An MRL applies to the identified raw agricultural food commodity as well as to any processed food product that contains it, except where separate MRLs are specified for the raw agricultural commodity and a processed product made from it.

Details regarding the proposed import MRLs can be found in the corresponding Evaluation Report that is available in the Pesticides and Pest Management section Health Canada's website, under Public Registry, Pesticide Product Information Database.¹

Consultation on the proposed MRLs spiromesifen is being conducted via this document (see Next Steps, the last section of this document).

To comply with Canada's international trade obligations, consultation on the proposed MRLs is also being conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada.

¹ The relevant report can be accessed by selecting the Applications/Amendment/Historical tab and opening the Evaluation Report found under Application Number 2008-5063.

The proposed MRLs spiromesifen in Canada in or on food, to be added to those MRLs already legally established, are as follows.

Table 1 Proposed Maximum Residue Limits for Spiromesifen

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Spiromesifen	2-oxo-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4.4]non-3-en-4-yl 3,3-dimethylbutanoate, including the metabolite 4-hydroxy-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4.4]non-3-en-2-one	0.8	Edible-podded jackbeans, edible-podded moth beans, edible-podded runner beans, edible-podded snap beans, edible-podded soybeans, edible-podded swordbeans, edible-podded wax beans, edible-podded yardlong beans
		0.1	Succulent shelled blackeyed peas, succulent shelled broad beans, succulent shelled cowpeas, succulent shelled lima beans, succulent shelled southern peas
		0.02	Dry adzuki beans, dry beans, dry blackeyed peas, dry broad beans, dry catjang seeds, dry chickpeas, dry cowpea seeds, dry guar seeds, dry kidney beans, dry lablab beans, dry lima beans, dry moth beans, dry mung beans, dry navy beans, dry pink beans, dry pinto beans, dry rice beans, dry southern peas, dry tepary beans, dry urd beans, grain lupin

A complete list of all MRLs established in Canada can be found on the Maximum Residue Limits for Pesticides webpage in the Pesticides and Pest Management section of Health Canada's website.

International Situation and Trade Implications

The proposed MRLs for spiromesifen in Canada are the same as corresponding tolerances established in the United States (tolerances are listed in the Electronic Code of Federal Regulations, 40 CFR Part 180, by pesticide). Currently, Codex Alimentarius MRLs² have not been established for spiromesifen on any commodity. A listing of all established Codex MRLs is available on the Codex Alimentarius Pesticide Residues in Food website.

² The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.

Next Steps

The PMRA invites the public to submit written comments on the proposed import MRLs for spiromesifen up to 75 days from the date of publication of this document. Please forward your comments to Publications (see the contact information on the cover page of this document). The PMRA will consider all comments received before making a final decision on the proposed MRLs for spiromesifen and posting a corresponding Established Maximum Residue Limit document in the Pesticides and Pest Management section of Health Canada's website.